

## **Physical Science Chapter 4 Review**

### **Know All Vocabulary Terms**

#### **ALSO:**

Give an example of a physical property.

Give an example of a chemical property.

Give an example of a physical change.

Give an example of a chemical change.

How are the basic particles of matter measured?

What is the SI unit for measuring the size of atoms?

What is a scanning tunneling microscope used for?

What are the characteristics of a good scientific model? (p.73)

If you can smell something in a room after a bottle is opened, what is this called?

What is a phase ( in regard to states of matter)?

What are the characteristics of a solid?

What are the characteristics of a liquid?

What are the characteristics of a gas?

What are two types of solids? Give a description of each.

What is the Bose-Einstein condensate?

What causes phase changes?

What is sublimation?

What is the average kinetic energy of particles in a substance proportional to?

Which temperature scale has no negative numbers?

What is the difference between the continuous theory of matter and the particle theory of matter?